

Amendments to the Claims:

Please substitute the listing of the claims as provided below for any prior listings:

Claims 1-25 (Cancelled)

26. (Currently amended) An assembled bone graft, said assembled bone graft assembled outside the body and suitable for implantation into a human patient, said assembled bone graft comprising: a plurality of machined allograft bone portions layered to form a graft unit, and biocompatible pins traversing said graft unit for holding said graft unit together as an assembled bone graft, said assembled bone graft being suitable for implantation into a human patient and does not comprise an adhesive.

27. (Currently amended) An assembled bone graft suitable for implantation in a human patient comprising:

two distinct bone portions of cortical bone, and biocompatible pins, wherein said two distinct bone portions are machined allograft bone portions processed to be suitable for implantation in a human patient, said biocompatible pins are of appropriate diameter and press fitted into machined holes in said two bone portions to hold together said two bone portions to form said an assembled bone graft suitable for implantation in humans.

28. (Currently amended) An assembled bone graft suitable for implantation in a human patient comprising two or more connected, distinct, bone portions of machined allograft bone forming a graft unit, and pins comprising cortical bone (“cortical bone pins”), said two or more connected, distinct, bone portions having holes therein for receiving said cortical bone pins, said cortical bone pins keeping said two or more connected, distinct, bone portions aligned and connected to form an said assembled bone graft free of an adhesive and suitable for implantation in a human humans.

29. (Currently amended) The assembled bone graft of claim 28 where there are two connected, distinct, bone portions of machined allograft bone.

30. (Currently amended) The assembled bone graft of claim 28, wherein said two or more ~~connected~~, distinct, bone portions are selected from the group consisting of: cortical bone and cancellous bone.

31. (Currently amended) An assembled bone graft suitable for implantation in a human patient, comprising:

a first machined bone portion having holes therein;

a second machined bone portion having holes therein aligned with the holes in said first bone portion, said first bone portion and said second bone portion being allograft bone suitable for implantation into a human patient; and

cortical bone pins press-fitted in said holes for holding said first bone portion in juxtaposition to said second bone portion and forming a said assembled bone graft suitable for implantation into a human patient.

32. (Currently amended) An assembled bone graft suitable for implantation in a human patient, comprising:

a first machined cortical bone portion having a hole therein;

a second machined cortical bone portion having a hole therein, said hole in said second machined cortical bone portion aligning with said hole in said first machined cortical bone portion, said first machined cortical bone portion and said second machined cortical bone portion being allograft bone suitable for implantation into a human patient;

a cortical bone pin press-fitted in the hole between said first cortical bone portion and said second cortical bone portion to form said assembled bone graft suitable for implantation into a human patient.

33. (Currently amended) An assembled bone graft suitable for implantation into a human patient, comprising:

a first machined cortical bone portion having holes therein;

a second machined cortical bone portion having holes therein aligned with the holes in said first machined bone portion, said first machined cortical bone portion and said second machined cortical bone portion being allograft bone suitable for implantation into a human patient; and

cortical bone pins press-fitted in said holes for holding said first machined cortical bone portion in stacked juxtaposition to said second machined cortical bone portion and forming, without an adhesive, without an adhesive said assembled bone graft suitable for implantation into a human patient.

34. (Currently amended) An assembled bone graft suitable for implantation into a human patient, comprising:

a first machined bone portion;

a second machined bone portion ~~provided on contacting~~ said first machined bone portion to form a graft unit, said first machined bone portion and said second machined bone portion being allograft bone suitable for implantation into a human patient; and

biocompatible pins inserted into said first machined bone portion and said second machined bone portion for holding together said graft unit to form said assembled bone graft suitable for implantation into a human patient.

35-60. (Cancelled)

61. (Previously presented) The assembled implant of claim 31 wherein said cortical bone pins are four cortical bone pins, said cortical bone pins being made from cortical bone.

62. (Previously presented) The assembled implant of claim 33 wherein said cortical bone pins are four cortical bone pins, said cortical bone pins being made from cortical bone.